5COSC026C.1 Advanced Client-Side Development (2025)

Portfolio Website

Website Development Progress Diary
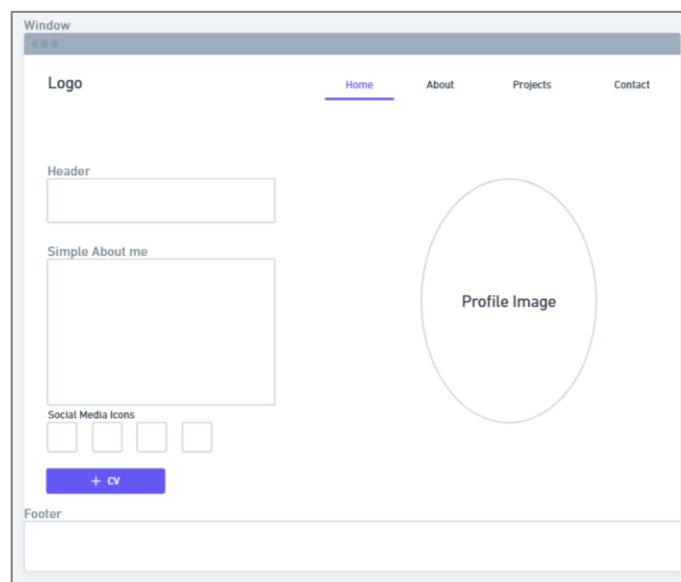
Name – I.A.S.N.Perera

IIT ID – 20240773
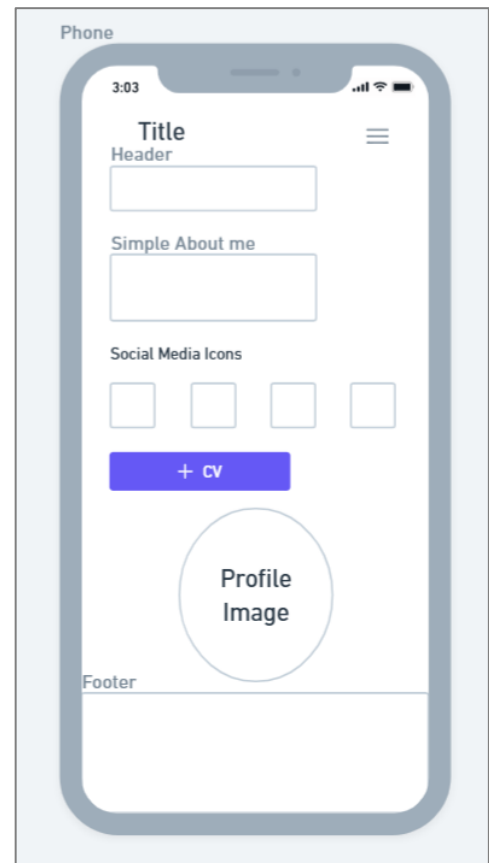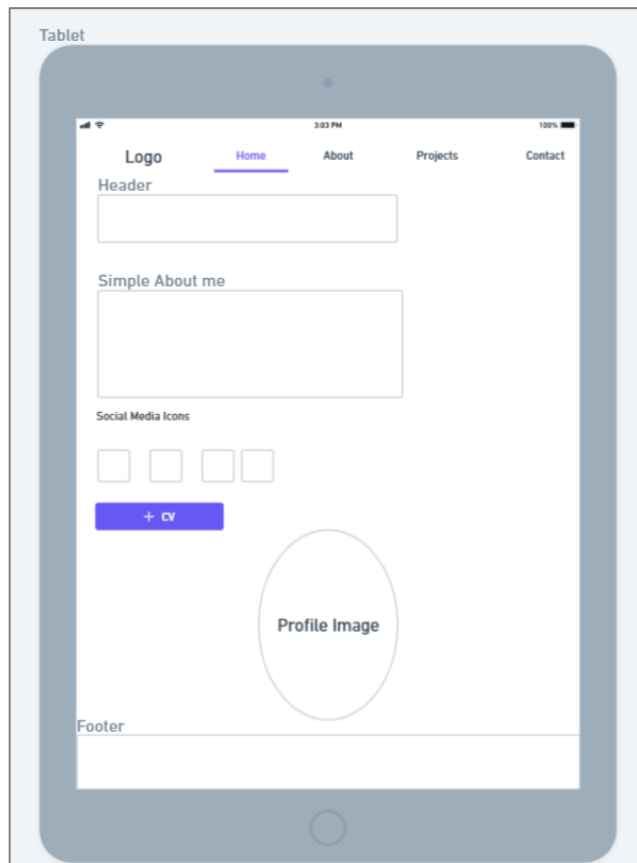
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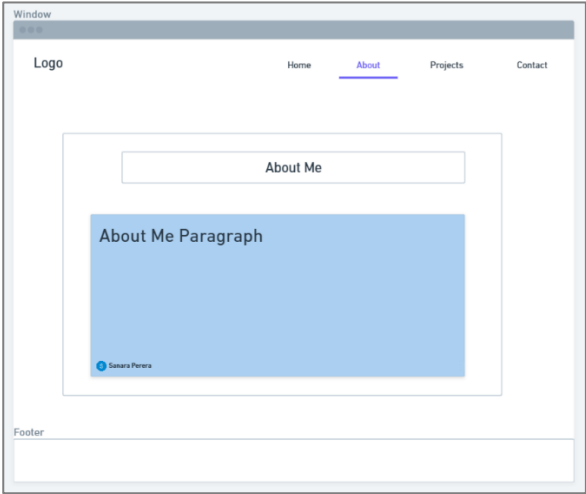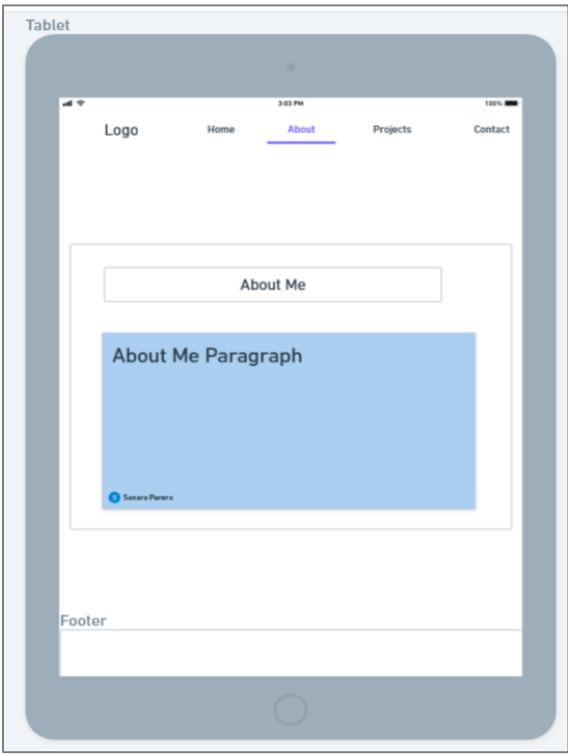# Entry 1 - September 30, 2025

Focus: Initial Planning & Low-Fidelity Design
- Planned the overall website structure (Home, About, Projects, Contact)
- Created low-fidelity digital wireframes for both desktop and mobile layouts.
- Decided on a clean and professional look using a simple grid layout.
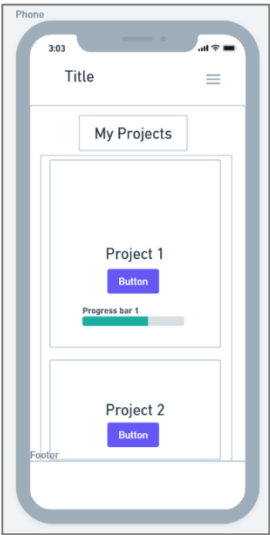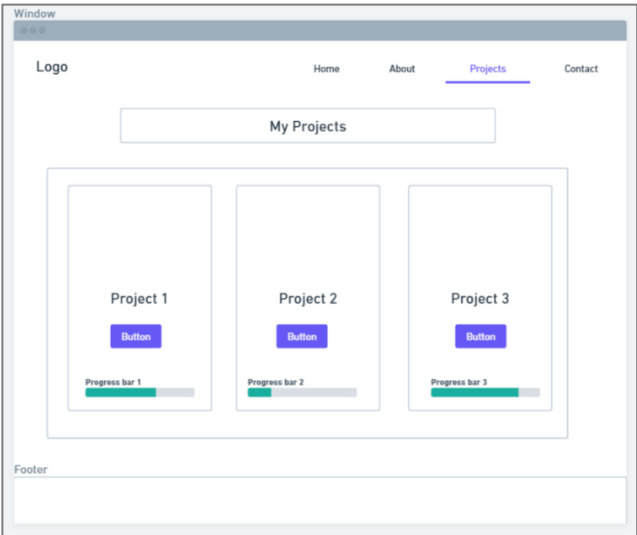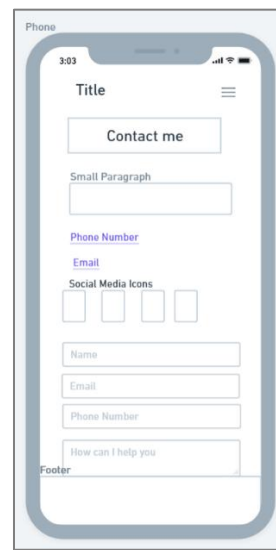
Home Page Low Fidelity Drawings

About Page Low Fidelity Drawings

Tablet

Logo   Home   About   Projects   Contact

About Me

About Me Paragraph

Sanara Perera

Footer

Phone

3:03

Title ≡

About Me

About Me Paragraph

Sanara Perera

Footer

Window

Logo   Home   About   Projects   Contact

About Me

About Me Paragraph

Sanara Perera

Footer

Projects Page Low Fidelity Drawings

Window

Logo   Home   About   Projects   Contact

My Projects

Project 1   Project 2   Project 3
Button   Button   Button
Progress bar 1 Progress bar 2 Progress bar 3

Footer

Phone

3:03

Title ≡

My Projects

Project 1
Button
Progress bar 1

Project 2
Button

Footer

Contact Page Low Fidelity Drawings
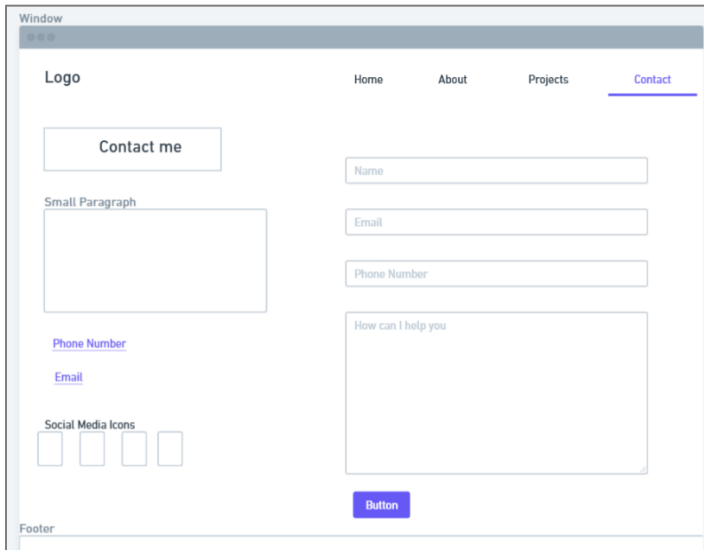
Summary:

The focus was on initial planning and low-fidelity design for the website. The overall structure was mapped out, including the Home, About, Projects, and Contact sections. Low-fidelity digital wireframes were created for both desktop and mobile layouts, emphasizing a clean and professional appearance with a simple grid-based design.

Entry 2 - October 7, 2025

Focus: HTML Structure and Navigation Setup

- Built the HTML base structure for the home, about, project, contact pages.
- Added header, navigation bar, footer.
- Used Boxicons for adding social media icons.
- Implemented the logo using a <span> to create a color accent.
- Ensured all pages link properly through the navigation bar.
- Started planning structural selectors and child combinators for styling.

About Me

Web Designer

Hi, I'm Sanara Perera, a Computer Science undergraduate at the Informatics Institute of Technology. I'm passionate about blending creativity with technology to solve real-world problems and create meaningful digital experiences. My interests span across web and mobile development, as well as AI-related technologies, where I love exploring innovative solutions and learning new tools. I'm flexible, curious, and always eager to grow whether it's by experimenting with new frameworks, improving user experience, or tackling challenging projects.

My skills include HTML, CSS, Java, and basic database management, and I'm continuously working to expand my technical foundation.

Looking ahead, I aspire to build a career that combines software development, AI, and design thinking, contributing to projects that make technology smarter, more intuitive, and accessible to everyone.

SANARA.

Designing ideas that inspire and innovate.

Home About Projects Contact
in ☐ ◎ ◯

✉ sanaraperera2003@gmail.com

◉ Colombo, Sri Lanka

✆ +94 71 681 1250

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My Projects

Project 1

Github
HTML 61.7%
CSS 38.3%

Project 2

Github
Pyhthon 100%

Project 3

Github
HTML 55%
CSS 45%
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✉ sanaraperera20032gmail.com

◉ Colombo, Sri Lanka

Contact Me!

Ready To Bring Your Next Project To Life?

Let's turn your vision into an interface that speaks louder than words.

+94 716 818 250
sanaraperera2003@gmail.com
in ☐ ◎ ◯

How Can I Help You

Your Name   Your Email   Your Mobile Number   Submit

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Summary:

The focus was on establishing the HTML structure and navigation for the website. The base HTML was built for the Home, About, Projects, and Contact pages, including the header, navigation bar, and footer. Social media icons were added using Boxicons, and the logo was styled with a <span> to create a color accent. All pages were properly linked through the navigation bar, and planning began for using structural selectors and child combinators to enhance styling.

Entry 3 - October 10, 2025

Focus: CSS Styling & Color Scheme Implementation.

- Added Google Fonts for a consistent and modern typography style.
- Chose a blue color theme to match personal branding.
- Added typing animation to homepage text using keyframes and steps() animation.
- Applied text effects, gradients, and semi-transparent colors, animations.
- Used pseudo-classes (:hover, :active) for interactivity.
- Used CSS animations and gradients to create a subtle, continuously moving background behind the profile image.
- Added CSS to social icons with hover color and shadow effects.
- Implemented shadows, rounded corners, and borders.
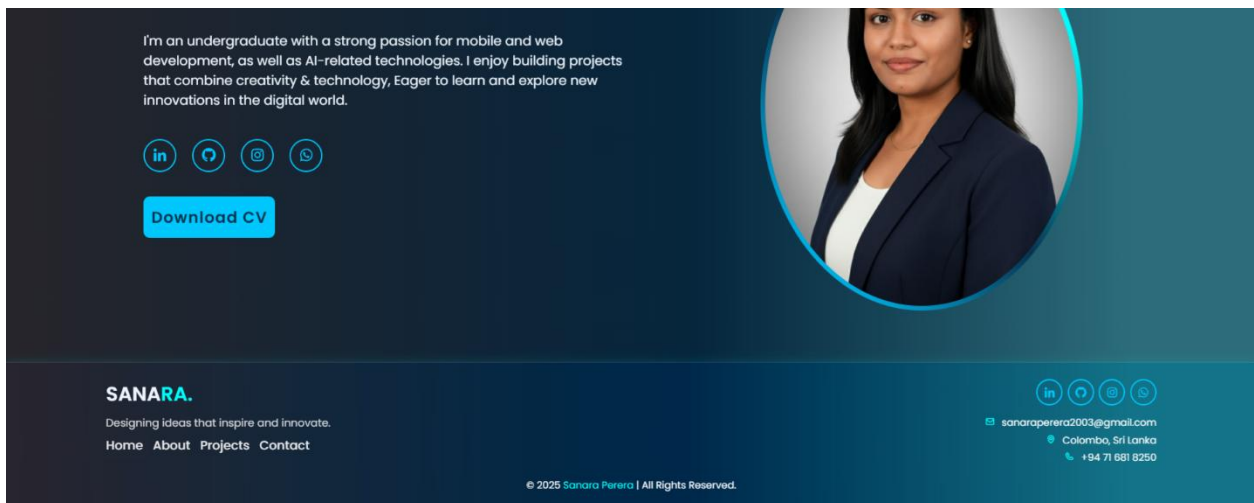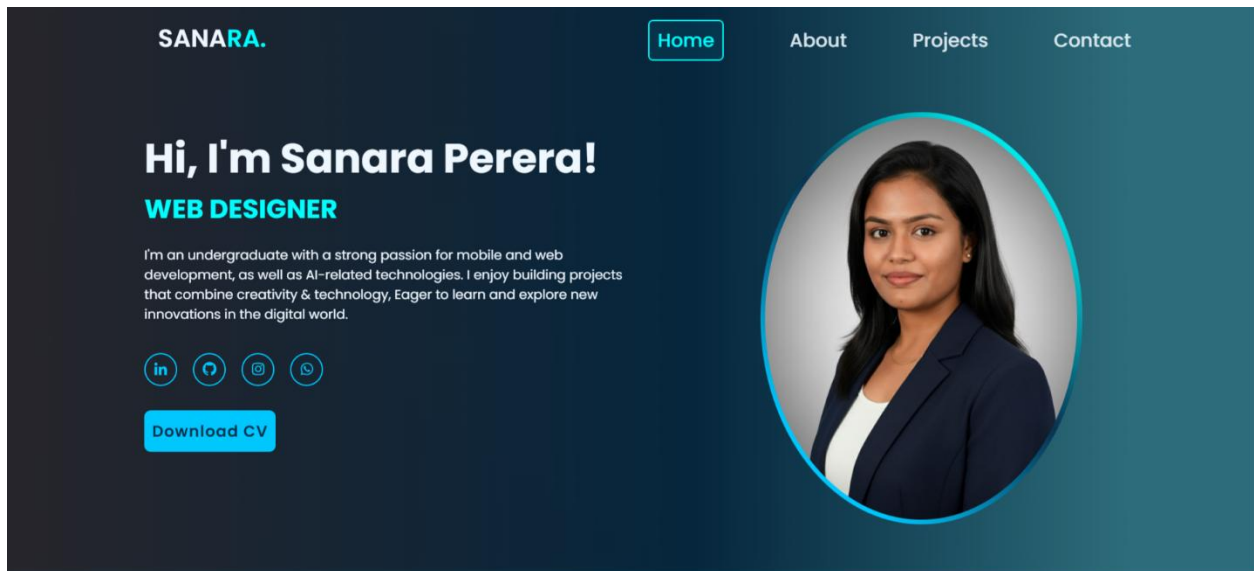
Summary:

This phase focused on CSS styling and implementing a cohesive blue color scheme for personal branding. Google Fonts were added for modern typography, while interactive features like typing animations, hover effects, and subtle text and background animations enhanced the user experience. Shadows, rounded corners, borders, and styled social icons were also applied to create a polished and visually engaging design.

Entry 4 - October 17, 2025

Focus: About and Projects Section Development.

- Completed the About page with descriptive text and section headings.
- Implemented first letter styling (::first-letter) to make first paragraph standout.
- Applied subtle glow effect on second paragraph using text-shadow.
- Added hover effect on About section box with transform: scale and box-shadow.
- Created the Projects section with individual project cards.
- Added progress bars showing language usage percentages.
- Used attribute selectors, nth-child, and negation pseudo-classes for advanced styling.
- Linked buttons to GitHub
- Applied pseudo-elements for generated content on headings.
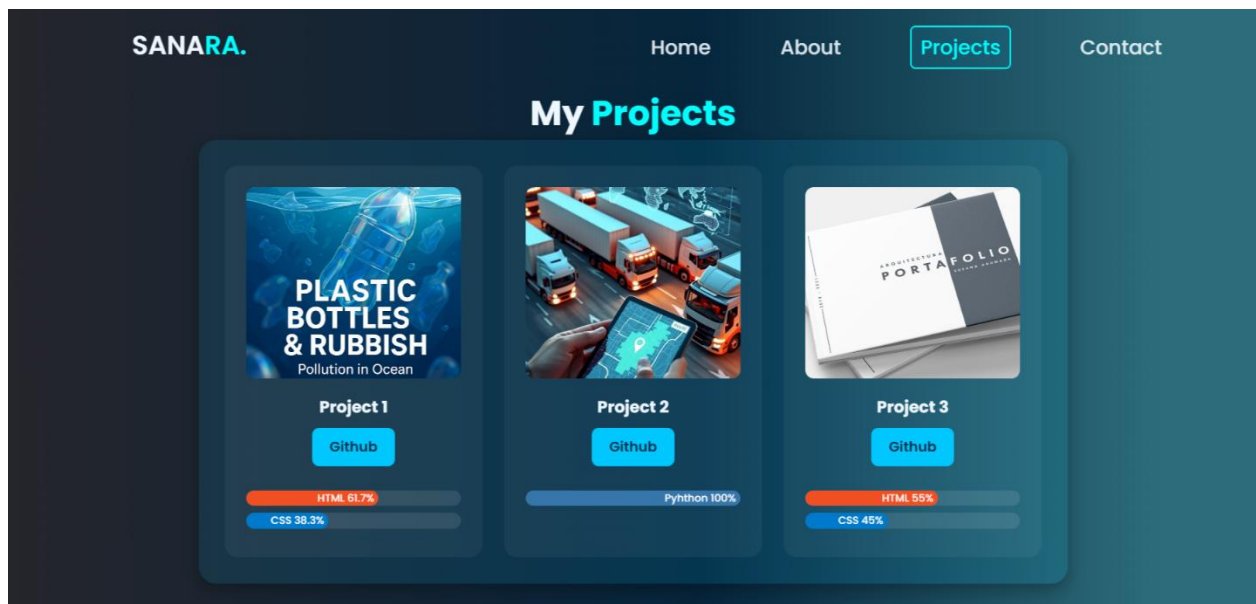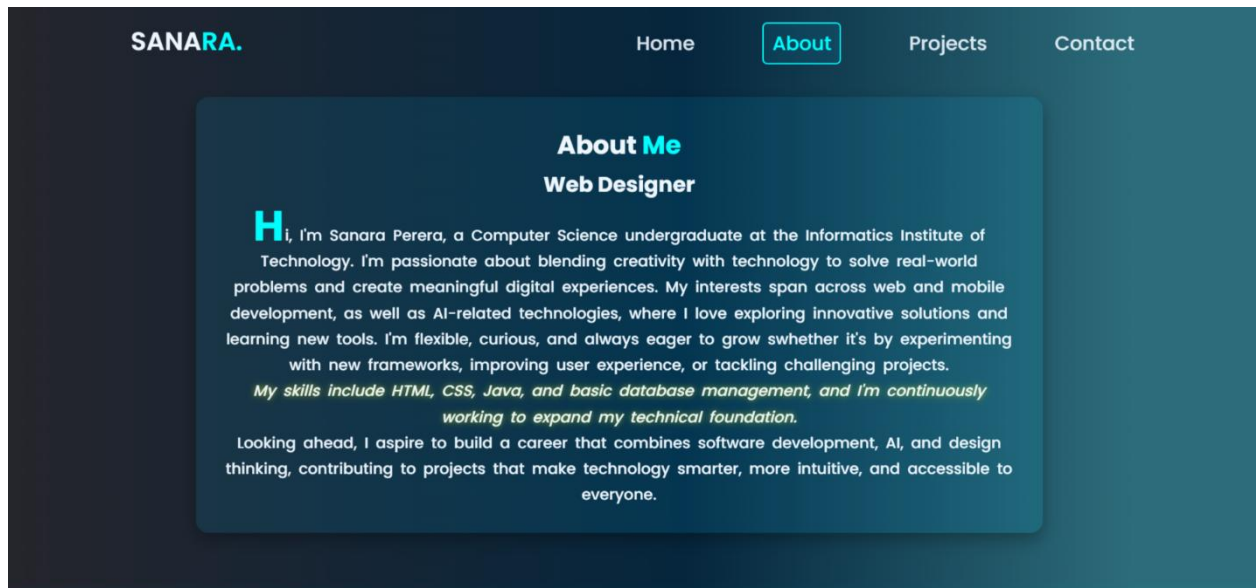
Summary:
This phase focused on developing the About and Projects sections. The About page included styled text with first-letter emphasis and a subtle glow effect, along with hover effects on section boxes. The Projects section featured project cards with progress bars, GitHub links, and advanced styling using pseudo-classes, attribute selectors, and pseudo-elements.

Entry 5 - October 21, 2025

Focus: Contact Page.

- Completed Contact form with input validation using :valid and :invalid pseudo-classes.
- Added functional links for email, LinkedIn, GitHub, and WhatsApp.
- Added submit button hover effects.
- Created two-column grid layout (text + form) for large screens, stacked columns for mobile.
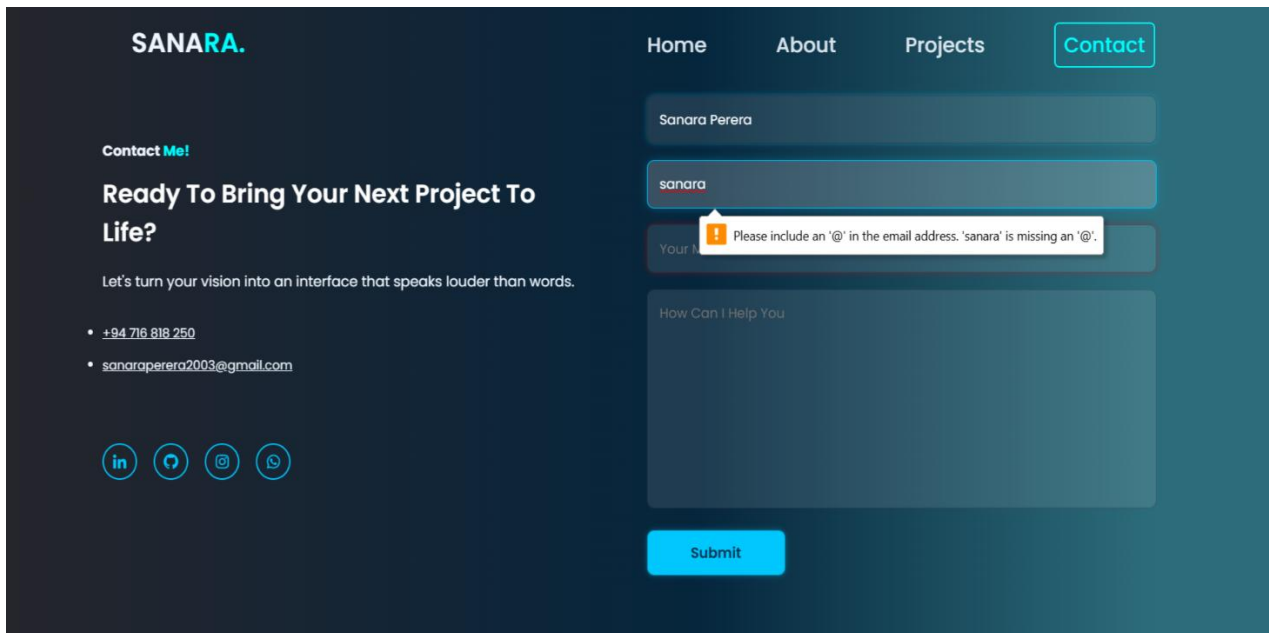- Added focus effects with border color change and box-shadow.
- Clickable phone number , email links.

Summary:

This phase focused on developing the Contact page. The contact form was completed with input validation using :valid and :invalid pseudo-classes, along with focus effects on fields. Functional links for email, LinkedIn, GitHub, WhatsApp, and a clickable phone number were added. A responsive two-column grid layout was implemented for large screens, stacking columns on mobile, and hover effects were applied to the submit button.

Entry 6 - October 28, 2025

Focus: Responsiveness, Media Queries & Final touch

- Designed responsive layouts using media queries for mobile and tablet screens.
- Added a menu toggle checkbox for mobile navigation.
- checked header/navbar with responsive hamburger menu for mobile.
- Adjusted padding, font sizes, and images for smaller screens.
- Ensured layout scalability while maintaining design consistency.
- Reviewed CSS specificity, commenting, and overall code organization.
- Tested smooth navigation between pages and final responsiveness.

Summary:

This phase focused on responsiveness and final touches. Media queries were used to create layouts for mobile and tablet screens, including a toggleable hamburger menu for navigation. Padding, font sizes, and images were adjusted for smaller screens to maintain scalability and design consistency. The CSS was reviewed for specificity, organization, and comments, and smooth navigation and overall responsiveness were thoroughly tested.

SANARA.   ☰

Hi, I'm Sanara Perera!
WEB DESIGNER

I'm an undergraduate with a strong passion for mobile and web development, as well as AI-related technologies. I enjoy building projects that combine creativity & technology, Eager to learn and explore new innovations in the digital world.

Download CV

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Home   About   Projects   Contact

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My skills include HTML, CSS, Java, and basic database n I'm continuously working to expand my technical Looking ahead, I aspire to build a career that comb development, AI, and design thinking, contributing to pr technology smarter, more intuitive, and accessible

Home

About

Projects

Contact

SANARA.   ☰

My Projects

PLASTIC BOTTLES & RUBBISH

Project 1

Github

HTML 61.7%
CSS 38.3%

Project 2

Github

Python 100%

SANARA.   ☰
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